

REPORT

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CD 1
CASE

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SUPPLEMENT TO
REPORT NO.

COUNTRY USSR (Ukraine)

SUBJECT	Soil	of Ukraine
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PLACE
ACQUIRED

DATE
ACQUIRED

DATE OF

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14. Gley sandy soils, gley loam soils and sedge peat soils, undifferentiated
15. Sedge peat soils and meadow soils (gley), undifferentiated
16. Sedge peat and green moss peat
17. Highmoors, white moss peat
18. Mountain podzolic sedge peat soils and moss peat

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Chernozems* of river terraces (Lowland prairie or meadow soils)

19. Leached chernozem-meadow soils
20. Calcareous chernozem-meadow soils
21. Solonchak-like chernozem-meadow soils
22. Solonetz-like chernozem-meadow soils
23. Mountain chernozem-meadow soils. (Upland prairie soils)

* Black soils of prairie

Brown earth (Beach forest soils)

24. Podzolized meadow brown soils
25. Slightly podzolized brown soils
26. Mountain podzolized brown soils and podzolic soils, undifferentiated
27. Slightly podzolized brown soils and base saturated brown soils.
28. Base saturated brown soils and red soils of moist subtropics

Podzolized prairie-forest soils

29. Light grey podzolized soils
30. Grey podzolized soils
31. Dark grey podzolized soils
32. Degraded chernozems

Deep prairie-forest chernozems

33. Lean deep (northern) chernozems
34. Deep leached chernozems
35. Lean (eroded) chernozems
36. Deep chernozems, rich in humus
37. Deep leached chernozems, rich in humus

Prairie chernozems on loess

38. Deep chernozems, rich in humus
39. Chernozems, rich in humus
40. Lean (eroded) chernozems
41. Deep calcareous chernozems

Southern chernozems on loess

42. Southern chernozems, rich in humus
43. Southern chernozems

Chernozems on hard rocks

44. Chernozems on coal-measures
45. Chernozems on chalk

Sandy chernozems

46. Sandy chernozems of southern river terraces

Chestnut (solonized) soils

47. Chestnut soils, rich in humus
48. Chestnut soils, rich in humus and dark chestnut soils, slightly solonized, undifferentiated
49. Dark chestnut soils, slightly and medium solonized
50. Dark chestnut soils with solonetz soils spots
51. Chestnut soils, medium and strongly solonized
52. Chestnut soils, strongly solonized and solonetz soils (20%)

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53. Chestnut soils, strongly solonized on Maykup-clays
 54. Solodized gley soils of prairie depressions

* The redeposition of colloidal substance under influence of sodium-ion is called "solodization"

Solonchak soils (Black and white alkali soils)

55. Sodium solonchak soils (black alkali soils) and crusted solonetz soils, undifferentiated
 56. Sodium solonchak soils and meadow solonized soils and solonetz soils, undifferentiated
 57. Solonchak soils (white alkali soils) and solonetz soils undifferentiated
 58. Sandy solonchak soils

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Strongly eroded soils

59. Strongly eroded soils
 60. Aeolian sands in a state of acute erosion

THE TEXTURE OF SOILS OF UKRAINE

1. Coarse sands
2. Clayey sands
3. Sandy loams
4. Dusty sandy loams
5. Sandy clayey loams
6. Coarse dusty clayey loams (light)
7. Coarse dusty clayey loams (medium)
8. Dusty clayey loams (medium)
9. Dusty clayey loams (heavy)
10. Dusty clays
11. Gravelly soils

THE SOIL-FORMING ROCKS

- g* Granite-gneiss and other crystalline rocks
D/r Devonian and Jurassic sandstones and argillaceous schists
C Carboniferous sandstones and schists
Kr Cretaceous rocks
T Tertiary limestones
Ts Tertiary sandstones and sands
Ts Tertiary schists and clays
L Loess (clayey loamy deposits)
L Loess like deposits
M Morainic sandy loams
F Fluvial-glacial schistous deposits
Al Ancient alluvial deposits
al Present alluvial deposits
E Aeolian deposits

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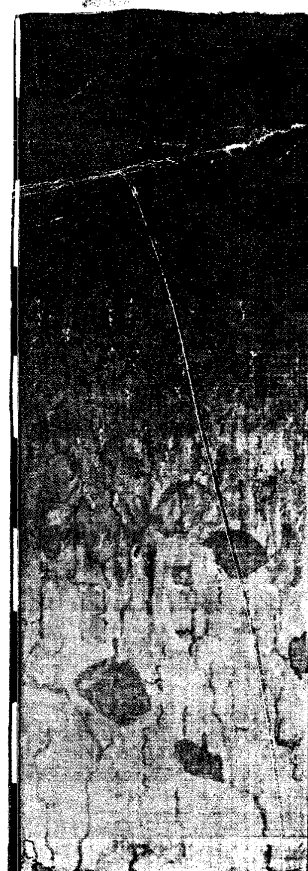
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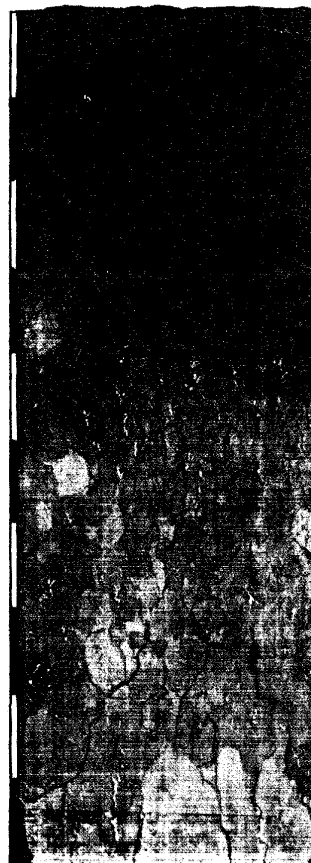
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cm
0
20
40
60
80
100
120
140
160
180
200



Deep chernozem. Light
loamy variety of the
ancient Dnieper river
terrace.

Drabowo

Priluki district

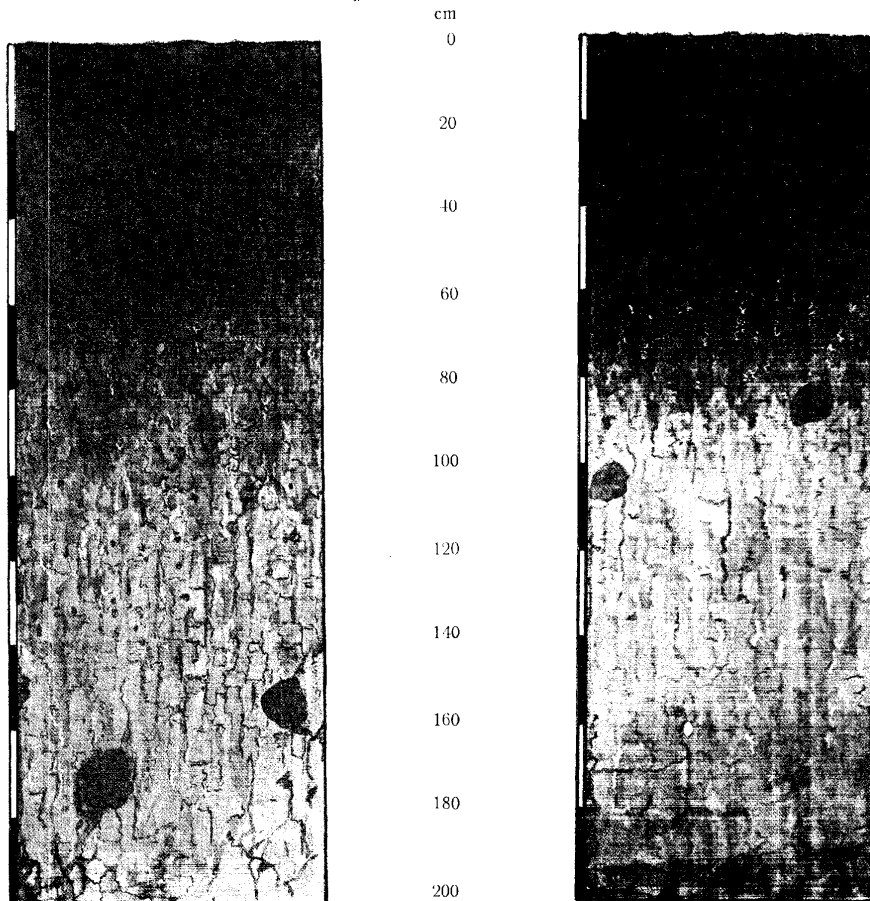
Deep chernozem. Northern
variety.

Sumy. Agricultural Experi-
mental Station

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*Deep chernozem, rich in
humus. Southern variety.*

*Kharkiv
Agricultural Experimental
Station.*

*Prairie chernozem, rich
in humus.*

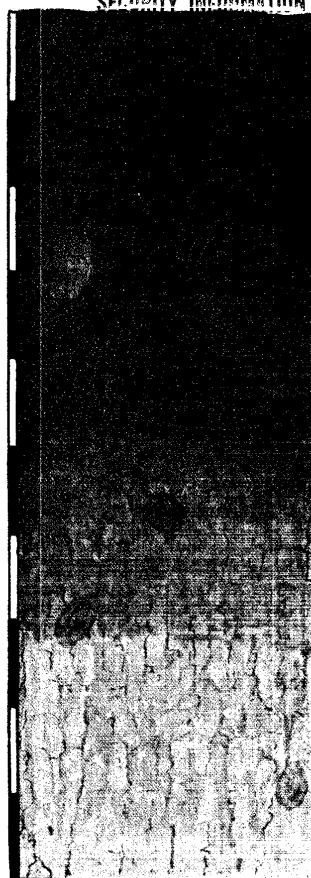
*Western variety
Krivoi Rog district.*

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cm
(1)

20

40

60

80

100

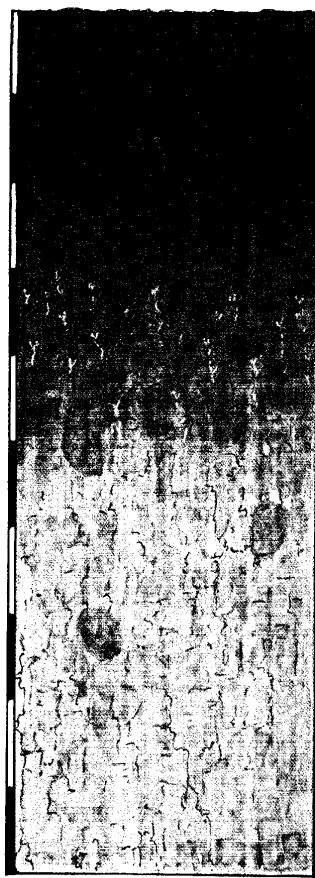
120

140

160

180

200



*Deep chernozem, rich in
humus, leached.
Over elevated plateaus
(300-375m.) of the crest of
the Donets Ridge.*

Iwanivka

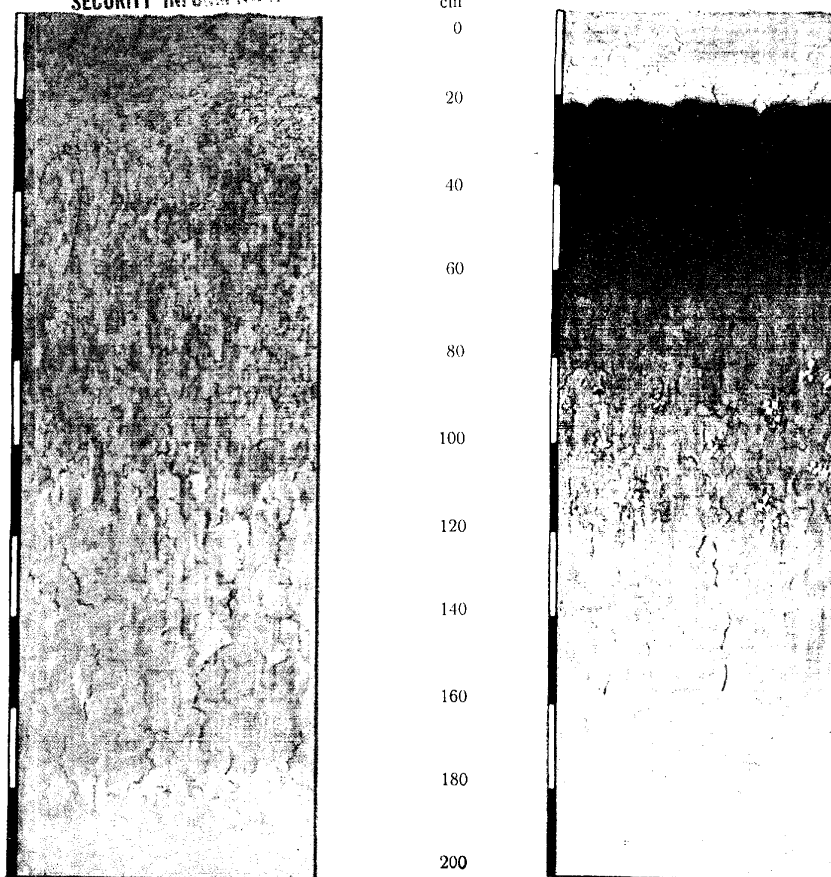
Lugansk district

*Prairie chernozem of the
Donets Ridge. Plateau
200-300m., above sea level.*

Lugansk district.

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*Light grey podzolized
(forest) soil.*

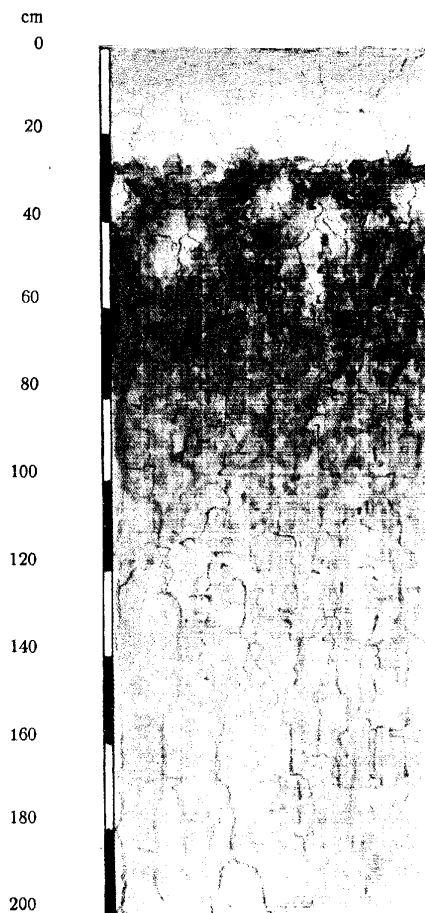
*Columnar solonetz (al-
kali soil) soil of the
Black Sea coast*

*Variety of ancient forest tracts
in Podolia*

Skadovsk district

Vinnitsa district.

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podzolic soil on sandy loamy loess

Kiev district.

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